

(xi) SEQUENCE DESCRIPTION:

SEQ ID NO:1: ATG ACT AAA GGA GAA GAA CTT TTC ACT GGA GTT GTC CCA ATT CTT GTT 48
 SEQ ID NO:2: Met Ser Lys Gly Glu Glu Leu Phe Thr Gly Val Val Pro Ile Leu Val
 1 5 10 15

GAA TTA GAT GGT GAT GTT AAT CGG CAC AAA TTT TCT GTC ACT GCA GAG 96
 Glu Leu Asp Gly Asp Val Asn Gly His Lys Phe Ser Val Ser Gly Glu
 20 25 30

GGT GAA CGT GAT GCA ACA TAC CGA AAA CTT ACC CTT AAA TTT ATT TGC 144
 Gly Glu Gly Asp Ala Thr Tyr Gly Lys Leu Thr Leu Lys Phe Ile Cys
 35 40 45

ACT ACT GGA AAA CTA CCT GTT CCA TGG CCA ACA CTT GTC ACT ACT TTC 192
 Thr Thr Gly Lys Leu Pro Val Pro Trp Pro Thr Leu Val Thr Thr Phe
 50 55 60

TCT TAT CGT GTT CAA TGC TTT TCA AGA TAC CCA GAT CAT ATG AAA CGG 240
 Ser Tyr Gly Val Gln Cys Phe Ser Arg Tyr Pro Asp His Met Lys Arg
 65 70 75 80

CAT GAC TTT TTC AAG AGT CCC ATG CCC GAA GGT TAT GCA CAG GAA AGA 288
 His Asp Phe Phe Lys Ser Ala Met Pro Glu Gly Tyr Val Gln Glu Arg
 85 90 95

ACT ATA TTT TTC AAA GAT GAC CGG AAC TAC AAG ACA CGT CCT GAA GTC 336
 Thr Ile Phe Phe Lys Asp Asp Gly Asn Tyr Lys Thr Arg Ala Glu Val
 100 105 110

AAG TTT GAA CGT GAT ACC CTT GTT AAT AGA ATC GAG TTA AAA CGT ATT 384
 Lys Phe Glu Gly Asp Thr Leu Val Asn Arg Ile Glu Leu Lys Gly Ile
 115 120 125

GAT TTT AAA GAA GAT CGA AAC ATT CTT GGA CAC AAA TTG GAA TAC AAC 432
 Asp Phe Lys Glu Asp Gly Asn Ile Leu Gly His Lys Leu Glu Tyr Asn
 130 135 140

TAT AAC TCA CAC AAT GCA TAC ATC ATG CGA GAC AAA CAA AAG ATT CGA 480
 Tyr Asn Ser His Asn Val Tyr Ile Met Ala Asp Lys Gln Lys Asn Gly
 145 150 155 160

ATC AAA GTT AAC TTC AAA ATT AGA CAC AAC ATT GAA GAT CGA AGC GTT 528
 Ile Lys Val Asn Phe Lys Ile Arg His Asn Ile Glu Asp Gly Ser Val
 165 170 175

CAA CTA CGA GAC CAT TAT CAA CAA AAT ACT CCA ATT CGG GAT CGC CCT 576
 Gln Leu Ala Asp His Tyr Gln Gln Asn Thr Pro Ile Gly Asp Gly Pro
 180 185 190

GTC CTT TTA CGA GAC AAC CAT TAC CTG TCC ACA CAA TCT CGC CTT TCG 624
 Val Leu Leu Pro Asp Asn His Tyr Leu Ser Thr Gln Ser Ala Leu Ser
 195 200 205

AAA GAT CCC AAC GAA AAG AGA GAC CAC ATG GTC CTT GAG TTT GTA 672
 Lys Asp Pro Asn Glu Lys Arg Asp His Met Val Leu Leu Glu Phe Val
 210 215 220

ACA GCT CCT CGG ATT ACA CAT CGC ATG GAT GAA CTA TAC AAA TA
 Thr Ala Ala Gly Ile Thr His Gly Met Asp Glu Leu Tyr Lys
 225 230 235

717
716

FIGURE 1

205270 " SOS & S00T

GAT	TTT	AAA	GAA	GAT	GGA	AAC	ATT	CTT	GGA	CAC	AAA	TTG	GAA	TAC	AAC	432
Asp	Phe	Lys	Glu	Asp	Gly	Asn	Ile	Leu	Gly	His	Lys	Leu	Glu	Tyr	Asn	
	130					135				140						
TAT	AAC	TCA	CAC	AAT	GTA	TAC	ATC	ATG	GCA	GAC	AAA	CAA	AAG	AAT	GGA	480
Tyr	Asn	Ser	His	Asn	Val	Tyr	Ile	Met	Ala	Asp	Lys	Gln	Lys	Asn	Gly	
	145					150				155						
ATC	AAA	GTT	AAC	TTC	AAA	ATT	AGA	CAC	AAC	ATT	GAA	GAT	GGA	AGC	GTT	528
Ile	Lys	Val	Asn	Phe	Lys	Ile	Arg	His	Asn	Ile	Glu	Asp	Gly	Ser	Val	
						165				170				175		
CAA	CTA	GCA	GAC	CAT	TAT	CAA	CAA	AAT	ACT	CCA	ATT	GGC	GAT	GGC	CCT	576
Gln	Leu	Ala	Asp	His	Tyr	Gln	Gln	Asn	Thr	Pro	Ile	Gly	Asp	Gly	Pro	
						180				185				190		
GTC	CTT	TTA	CCA	GAC	AAC	CAT	TAC	TCC	ACA	CAA	TCT	GCC	CTT	TCG	526	
Val	Leu	Leu	Pro	Asp	Asn	His	Tyr	Leu	Ser	Thr	Gln	Ser	Ala	Leu	Ser	
						195				200				205		
AAA	GAT	CCC	AAC	GAA	AAG	GAC	CAC	ATG	GTC	CTT	GAG	TTT	GTA		672	
Lys	Asp	Pro	Asn	Glu	Lys	Arg	Asp	His	Met	Val	Ileu	Ileu	Glu	Phe	Val	
	210					215										
ACA	GCT	GCT	GGG	ATT	ACA	CAT	GGC	ATG	GAT	GAA	CTA	TAC	AAA	TA		
Thr	Ala	Ala	Gly	Ile	Thr	His	Gly	Met	Asp	Glu	Leu	Tyr	Lys			
	225					230										

2/10

7/14

FIG. 1B

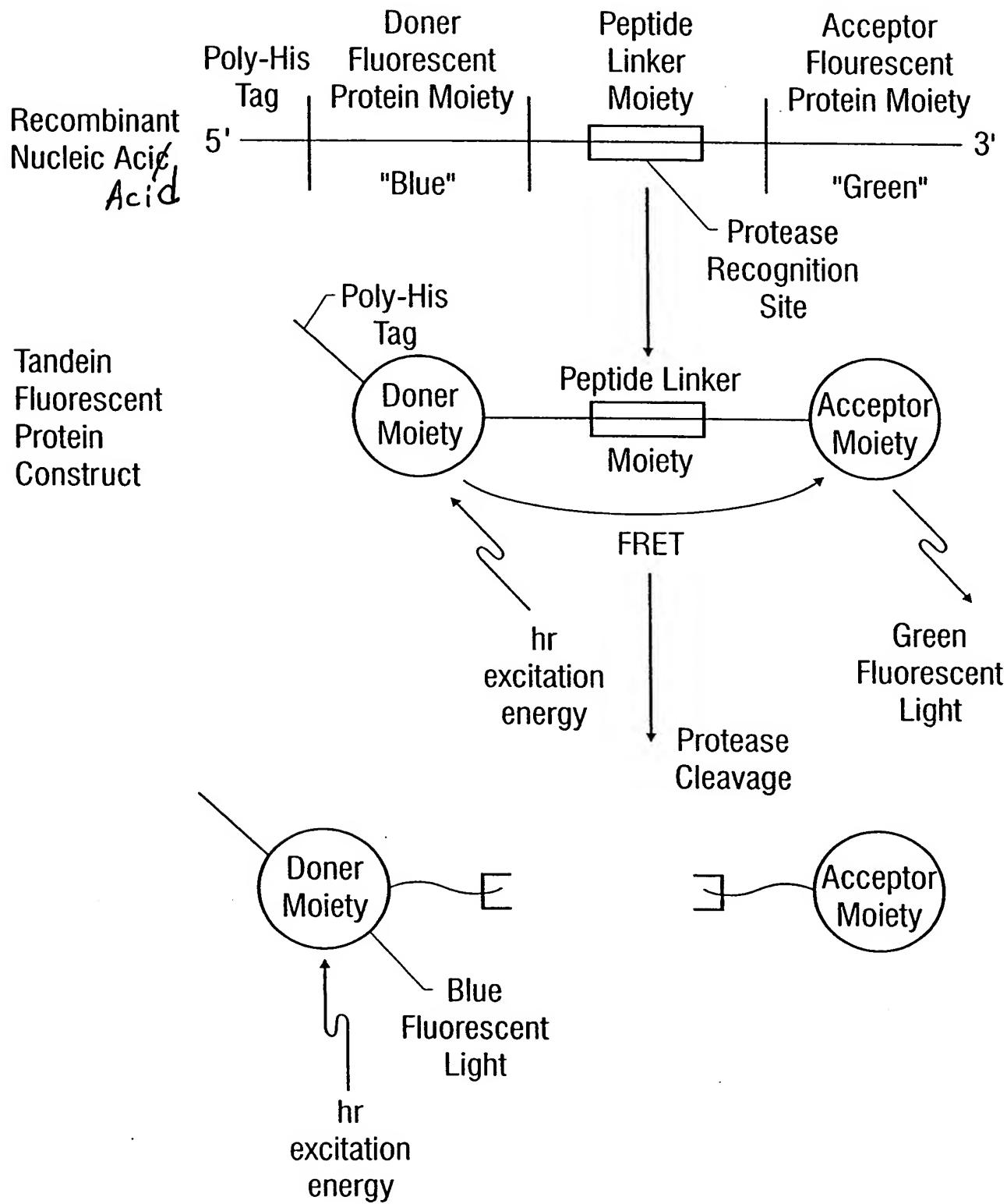


FIG. 2